

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Takao NAKAZAKI et al.

Title: SENSOR DEVICE

Appl. No.: Unassigned

Filing Date: October 31, 2003

Examiner: Unassigned

Art Unit: Unassigned

UTILITY PATENT APPLICATION
TRANSMITTAL

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Takao NAKAZAKI
Hiroyuki TSUCHIDA
Koro KITAJIMA
Mitsuo HATADA
Kazuaki MIYAMOTO
Shinjiro KOTANI
Kazushi TANASE
Masahiko SHIBAYAMA
Shoichi KONISHI

Enclosed are:

- [X] Application Data Sheet (37 CFR 1.76) (5 pages).
- [X] Preliminary Amendment (4 pages).
- [X] Specification, Claims, and Abstract (36 pages).
- [X] Formal drawings (17 sheets, Figures 1-12, 13A-13D, and 14-17).

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$770.00	\$770.00
Total	11	- 20	= 0	x \$18.00	= \$0.00
Claims:					
Independent	1	- 3	= 0	x \$86.00	= \$0.00
ents:					
If any Multiple Dependent Claim(s) present:				+ \$290.00	= \$0.00
Surcharge under 37 CFR 1.16(e) for late filing				+ \$130.00	= \$130.00
of Executed Declaration and late payment of					
filing fee					
				SUBTOTAL:	= \$900.00
[] Small Entity Fees Apply (subtract ½ of above):					= \$0.00
				TOTAL FILING FEE:	= \$900.00

- [] A check in the amount of \$0.00 to cover the filing fee is enclosed.
- [X] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

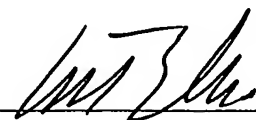
Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date October 31, 2003

FOLEY & LARDNER
 Customer Number: 22428
 Telephone: (202) 672-5485
 Facsimile: (202) 672-5399

By



William T. Ellis
 Attorney for Applicant
 Registration No. 26,874

16179 U.S. PTO
 103103